



THE UNIVERSITY OF NOTRE DAME AUSTRALIA

# Graduate Certificate in Education (Middle Years Mathematics)

# Graduate Certificate in Education (Middle Years Mathematics)

*School of Education*

***Are you an experienced 4-year trained teacher who loves numbers and teaching maths to young people? The University of Notre Dame Australia's Graduate Certificate in Education (Middle Years Mathematics) will provide you with the specialised skills and qualifications to teach maths to children in years 5 to 9. In addition, this qualification will help further your career with leadership opportunities. Our postgraduate program is available with flexible study options. Contact us today for further information.***

## **Why study this program?**

If you aspire to become a lead teacher in middle years mathematics, this unique Graduate Certificate in Education (Middle Years Mathematics) will equip you with the skills and knowledge you need to further your teaching career.

A Notre Dame's Graduate Certificate will give you a strong understanding of the importance of research-based enquiry to inform teaching and skills for mentoring and coaching your colleagues. In addition, you will investigate the content and specialised pedagogical approaches to teaching mathematics to motivate students toward higher academic achievement.

This program would be ideal for teachers of primary mathematics who wish to specialise in mathematics, including numeracy coordinators, primary teachers who wish to teach in lower secondary classrooms and out-of-field secondary teachers of mathematics who wish to upskill to better understand the pedagogical content knowledge required to teach mathematics in the middle years.

Graduates of this program may choose to enrol for a Master of Education (Curriculum) at Notre Dame.

## **Program summary**

Students are to complete the following courses:

- Leading Mathematics in the Middle Years
- Developing Mathematical Thinking
- Mathematics Learning in the Middle Years
- Assessment, Intervention and Differentiation in

## Mathematics Teaching and Learning

Students may commence their studies in January or October, subject to the availability of each course.

Full details of the program requirements are contained in the Program Requirements

([https://www.notredame.edu.au/\\_\\_data/assets/pdf\\_file/0020/182/Certificate-in-Education-Middle-Years-Mathematics.pdf](https://www.notredame.edu.au/__data/assets/pdf_file/0020/182/Certificate-in-Education-Middle-Years-Mathematics.pdf)).

# education freeo

More information regarding courses can be found at the course descriptions (<https://www.notredame.edu.au/about-us/faculties-and-schools/school-of-education/fremantle/course-descriptions>) page.

## Entry requirements

To be eligible for admission applicants must be eligible for teacher registration in Australia.

## Learning outcomes

**Upon successful completion of The Graduate Certificate in Education (Middle Years Mathematics) graduates will be able to:**

1. Critically apply and reflect on advanced knowledge of specialised educational theory and practices within mathematics education in the middle years of schooling
2. Critically evaluate issues in mathematics education in the middle years of schooling and associated pedagogical considerations in relation to significant recent developments in education
3. Use initiative and a high degree of personal autonomy

to analyse complex issues in mathematics education in the middle years of schooling

- I. Use communication and technical skills to implement, justify and interpret issues in mathematics teaching and learning in a variety of contexts.

## **Career opportunities**

A Graduate Certificate in Education (Middle Years Mathematics) will provide qualified and experienced teachers with the skills and knowledge to become leaders in the field of mathematics in Government, independent and Catholic primary and high schools. Careers include middle years maths teachers and curriculum leaders.

## **Real-world experience**

You will learn from our academics, who are leaders in their field. There are no practicum requirements for this program.

## **Fees and costs**

This Program has the following loan scheme(s) available for eligible students:

### **Commonwealth Supported Place (CSP)**

A Commonwealth Supported Place (CSP) is a place at a university where the Australian Government pays part of your fees. This part is a subsidy, not a loan, and you don't have to pay it back. However, this subsidy does not cover the entire cost of your study. Students must pay the rest, which is called the 'student contribution amount'.

In a Commonwealth Supported Place, your fees are subsidised by the Australian Government. Your fees will be split into two portions:

The Commonwealth contribution, which is the portion paid by the Australian Government.

The student contribution, which is the portion you pay. You may choose to pay upfront or defer your student contribution with a HECS-HELP Loan. The HECS-HELP loan scheme (<https://www.studyassist.gov.au/preview-link/node/106/5de65e70-6656-4297-a79d-19fd4a6deadd>) assists eligible students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your HECS-HELP debt will be indexed each year in line with the Consumer Price Index.

Eligible students will be offered a CSP – you do not need to apply.

### **Domestic Fee-Paying**

A domestic fee-paying place is a place at university where the student is responsible for the full cost the program.

Eligible domestic fee-paying students may apply for the FEE-HELP loan scheme (<https://www.studyassist.gov.au/preview-link/node/108/a39069a0-c0d9-4ed5-ad8e-1df4d43a987a>) which assists eligible fee-paying students with the payment of all, or part, of their tuition fees, not including additional study costs such as accommodation or textbooks. Your FEE-HELP debt will be indexed each year in line with the Consumer Price Index.

For indicative fees and information on how to pay, including Government loan schemes and our online calculator, visit our [Fees, costs and scholarships page](https://www.notredame.edu.au/study/fees-costs-and-scholarships) (<https://www.notredame.edu.au/study/fees-costs-and-scholarships>).

## More information

### Considering your uni options?

Talk to one of our career advisors for a [personalised advice session](https://calendly.com/d/dmr-5gg-c2h) (<https://calendly.com/d/dmr-5gg-c2h>). Our advisors provide support while choosing a program of study and completing our application process. **[Book my session. \(https://calendly.com/d/dmr-5gg-c2h\)](https://calendly.com/d/dmr-5gg-c2h)**

For more information, please call our Prospective Students Office on +61 8 9433 0533 or email [future@nd.edu.au](mailto:future@nd.edu.au) (<mailto:future@nd.edu.au>).

For more information, please email [studyonline@nd.edu.au](mailto:studyonline@nd.edu.au). (<mailto:studyonline@nd.edu.au>)

**APPLY DIRECT ↗**

## Need help? Ask Notre Dame

**Duration:** 0.5 year equivalent full-time study. Only available rt-time.

**Duration type:** Part time

**Campus:** Fremantle

**Study mode:** Online; On campus; Blended

**Commencement:** Semester 1; Semester 2

**Program code:** 4170

**Fee:** Commonwealth Supported Place (CSP); Domestic Full  
es

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